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UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D C 20231  
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| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|---------------------|-----------------------|------------------------|
| 09/934,550         | 08/23/2001          | Kazumasa Hasegawa     | 110450                 |

CONFIRMATION NO. 8987

25944  
OLIFF & BERRIDGE, PLC  
277 S. WASHINGTON STREET, SUITE 500  
ALEXANDRIA, VA 22314

## FORMALITIES LETTER



\*OC000000006801776\*

Date Mailed: 09/27/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

11/29/2001 BARAKHA1 00000043 09934550

FILED UNDER 37 CFR 1.53(b)

01 DEC:105  
02 DEC:139130.00 DP  
130.00 DP*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The application was filed in a language other than English. Applicant is required to provide an English translation of the specification and a statement that the translation is accurate. (See 37 CFR 1.52(d)).
- Applicant must file an English translation of the application, the \$ 130 fee set forth in 37 CFR 1.17(i), unless previously submitted, and a statement that the translation is accurate (37 CFR 1.52(d)).
- **The balance due by applicant is \$ 260.**

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

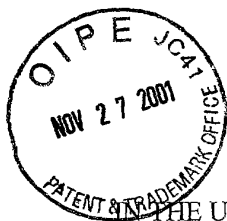
The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
  - drawing figures contain text that is not in English (including, for example, a flow chart that was originally not in English that has been marked up to include the English text) see 37 CFR 1.84(p)(2) and 37 CFR 1.52(d)(1);

*A copy of this notice **MUST** be returned with the reply.*

FOI b7E b7C b7D b7F b7G b7H b7I b7J b7K b7L b7M b7N b7O b7P b7Q b7R b7S b7T b7U b7V b7W b7X b7Y b7Z

**Abstract**



#4

**PATENT APPLICATION**

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Attn: Box Missing Parts

Kazumasa HASEGAWA et al.

Application No.: 09/934,550

Filed: August 23, 2001

Docket No.: 110450

For: FERROELECTRIC MEMORY DEVICE, METHOD OF  
MANUFACTURING THE SAME, AND EMBEDDED DEVICE

**RESPONSE TO NOTICE TO FILE MISSING PARTS  
WITH DECLARATION AND TRANSLATION**

Director of the U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

In response to the Notice to File Missing Parts of Application - Filing Date Granted (copy attached) mailed on September 27, 2001, submitted herewith are the executed Declaration of the inventor(s) and, upon information and belief, an accurate translation of the application. Any specification attached to and referenced in the Declaration is a copy of the specification and any amendments thereto which were filed in the Office in order to obtain a filing date for the application.

|  | (Column 1)                         | (Column 2)                      | (Column 3)    | SMALL ENTITY |           |    | OTHER THAN A SMALL ENTITY |           |
|--|------------------------------------|---------------------------------|---------------|--------------|-----------|----|---------------------------|-----------|
|  | CLAIMS REMAINING AFTER TRANSLATION | HIGHEST NO. PREVIOUSLY PAID FOR | PRESENT EXTRA | RATE         | ADD'L FEE | OR | RATE                      | ADD'L FEE |
| TOTAL CLAIMS   | *49 MINUS                          | **49                            | =             | x 9          | \$        |    | x 18                      | \$ 0      |
| INDEP CLAIMS   | * 2 MINUS                          | ***3                            | =             | x 42         | \$        |    | x 84                      | \$ 0      |
| <input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM |                                    |                                 |               | + 140        | \$        | OR | +280                      | \$ 0      |
|  |                                    |                                 |               |              | \$        |    |                           | \$ 0      |

\* If the entry in Column 1 is less than the entry in Column 2, write "0" in Column 3.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

The "Highest Number Previously Paid For" in this space (Total or Independent) is the highest number found from the equivalent box in Column 1 of a prior Amendment or the number of claims originally filed.

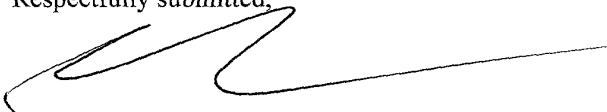
Attached is our Check No. 125282 for ☒\$260.00 ☐\$195.00 (entitlement to small entity status is asserted) for the fee under 37 C.F.R. §1.16(e) and §1.17(k) and any excess claim fees noted above.

Submitted herewith are 17 sheets of formal drawings (Figs 1-32) in compliance with 37 C.F.R. 1.84.

Entry of these documents should complete all of the filing formalities and fully satisfy all requirements of the Notice to File Missing Parts. Examination and allowance of this application in due course are respectfully solicited.

The Director is hereby authorized to charge any additional fee (or credit any overpayment) associated with this communication to Deposit Account No. 15-0461. Two duplicate copies of this paper are attached.

Respectfully submitted,

  
James A. Oliff  
Registration No. 27,075

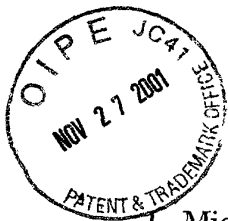
Eric D. Morehouse  
Registration No. 38,565

JAO:EDM/gam

Date: November 27, 2001

**OLIFF & BERRIDGE, PLC**  
**P.O. Box 19928**  
**Alexandria, Virginia 22320**  
**Telephone: (703) 836-6400**

|  |
|--|
| DEPOSIT ACCOUNT USE<br>AUTHORIZATION<br>Please grant any extension<br>necessary for entry;<br>Charge any fee due to our<br>Deposit Account No. 15-0461 |
|--|



## DECLARATION FOR TRANSLATION

I, Michie Fuse-Ofuchi , a Patent Attorney, of Ogikubo TM Bldg., 5-26-13, Ogikubo, Suginami-ku, Tokyo 167-0051, Japan, do solemnly and sincerely declare:

That I have a thorough knowledge of Japanese and English languages;  
and

That the attached pages contain a correct translation into English of the Japanese document filed on August 23, 2001 as

U.S. Patent Application No. 09/934,550

entitled "FERROELECTRIC MEMORY DEVICE, METHOD OF MANUFACTURING THE SAME, AND EMBEDDED DEVICE"

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and/or imprisonment under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing therefrom.

Date: November 20, 2001

Michie Fuse-Ofuchi